

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Technology Center 2600

In re application of

Docket No: Q61062

Takeshi HASHIMOTO, et al.

Appln. No.: 09/677,775

Group Art Unit: 2661

Confirmation No.: 6870

Examiner: Cicely Q. Ware

Filed: October 3, 2000

For: CDMA BASEBAND RECEIVER CAPABLE OF ESTABLISHING
SYNCHRONIZATION WITH PERIPHERAL BASE STATIONS

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TC 2600

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 and 1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

1. European Patent Publication No. EP 0 852 430 A2, published July 8, 1998.
2. European Patent Publication No. EP 0 825 737 A1, published February 25, 1998.
3. European Patent Publication No. EP 0 944 178 A2, published September 22, 1990.
4. United States Patent Publication No. 5,930,366, issued July 27, 1999.

5. "UMTS Terrestrial Radio Access Concept Evaluation" ETSI TECHNICAL REPORT, XX, XX, December 1997 (1997-12), pages 47-48, XP002109765.

6. K. Higuchi., et al., "Fast cell search algorithm in DS-CDMA mobile radio using long spreading codes", VEHICULAR TECHNOLOGY CONFERENCE, 1997, IEEE 47th Phoenix, AZ, USA 4-7 May 1997, New York, NY, USA, IEEE, US, 4 May 1997 (1997-05-04), pages 1430-1434, XP010229096, ISBN: 0-7803-3659-3.

7. F. Adachi, et al., "Coherent DS-CDMA: promising multiple access for wireless multimedia mobile communications" SPREAD SPECTRUM TECHNIQUES AND APPLICATIONS PROCEEDINGS, 1996., IEEE 4th International Symposium on Mainz, Germany, 22-25 September 1996, New York, NY, USA, IEEE, US, 22 September 1996 (1996-09-22), pages 351-358, XP010208591, ISBN: 0-7803-3567-8.

One copy of each of the listed documents is submitted herewith, along with a copy of the European Search Report dated November 17, 2003, issued in the corresponding European Patent Application which cites the listed documents.

The present Information Disclosure Statement is being filed after the later of three months from the application's filing date and the mailing date of the first Office Action on the merits, but before a Final Office Action, Notice of Allowance, or an action that otherwise closes prosecution in the application (whichever is earlier), and therefore Applicant is filing concurrently herewith a Statement Under 37 C.F.R. § 1.97(e). No fee under 37 C.F.R. § 1.17(p) is required.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not

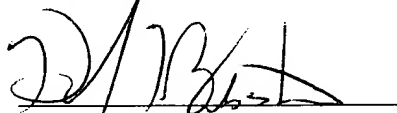
INFORMATION DISCLOSURE STATEMENT
U.S. Appln. No.: 09/677,775

Q61062

waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "H. Bernstein", is written over a horizontal line.

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WASHINGTON OFFICE

23373

CUSTOMER NUMBER

Date: February 17, 2004

1

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STATEMENT UNDER 37 C.F.R. § 1.97(e)

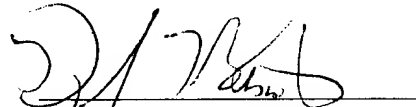
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The undersigned hereby states, upon information and belief:

That each item of information contained in the Information Disclosure Statement filed concurrently herewith was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of said Information Disclosure Statement.

Respectfully submitted,



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23373

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| Substitute for Form 1449 A & B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | | | <i>Complete if Known</i> | |
| | | | | Application Number | 09/677,775 |
| | | | | Confirmation Number | 6870 |
| | | | | Filing Date | October 3, 2000 |
| | | | | First Named Inventor | Takeshi HASHIMOTO |
| | | | | Art Unit | 2661 |
| | | | | Examiner Name | Cicely Q. Ware |
| Sheet 1 of 1 | | | | Attorney Docket Number | Q61062 |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|-----------------------|-----------------|--------------------------------------|--------------------------------|---|
| Examiner Initials* | Cite No. ¹ | Document Number | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document |
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| | | US 5,930,366 | A | 07-27-1999 | Jamal et al. |
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| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|-----------------------|---------------------------|---------------------|---|--------------------------------|--|--------------------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Translation ⁶ |
| | | Country Code ³ | Number ⁴ | Kind Code ⁵ <i>(if known)</i> | | | |
| | | EP | 0852430 | A2 | 07-08-1998 | Yozan Inc. | |
| | | EP | 0825737 | A1 | 02-25-1998 | NTT Mobile Communications Network Inc. | |
| | | EP | 0944178 | A2 | 09-22-1999 | Sony Corporation | |
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| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|--|--------------------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published. | Translation ⁶ |
| | | "UMTS Terrestrial Radio Access Concept Evaluation" ETSI TECHNICAL REPORT, XX. XX, December 1997 (1997-12), pages 47-48. XP002109765 | |
| | | K. HIGUCHI, et al., "Fast cell search algorithm in DS-CDMA mobile radio using long spreading codes", VEHICULAR TECHNOLOGY CONFERENCE, 1997, IEEE 47 th Phoenix, AZ, USA 4-7 May 1997, New York, NY, USA, IEEE, US, 4 May 1997 (1997-05-04), pages 1430-1434, XP010229096, ISBN: 0-7803-3659-3 | |
| | | F. ADACHI, et al., "Coherent DS-CDMA: promising multiple access for wireless multimedia mobile communications" SPREAD SPECTRUM TECHNIQUES AND APPLICATIONS PROCEEDINGS, 1996., IEEE 4 th International Symposium on Mainz, Germany, 22-25 September 1996, New York, NY, USA, IEEE, US, 22 September 1996 (1996-09-22), pages 351-358, XP010208591, ISBN: 0-7803-3567-8. | |

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|--------------------|--|-----------------|--|
| Examiner Signature | | Date Considered | |
|--------------------|--|-----------------|--|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.